

U. S. Department of Agriculture
Bureau of Agricultural Economics
and
U. S. Department of Commerce
Weather Bureau

Nebr. Dept. of Agr. & Inspection
Division of Agr'l Statistics
and
Agricultural Extension Service
Of Nebr. College of Agr.

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Released 5-30-50 - 11:00 A.M.

Week Ending 5-29-50

WEATHER Hot weather prevailed over the State during the first two days of the week, but thereafter it was cloudy and cool, with light to moderate rains over the north-central, northeast and extreme east-central portions of the State, and moderate to heavy rains elsewhere. Excessive rains occurred locally in the extreme southeast and in the south-central portions of the State. Most of the rain fell slowly enough to be absorbed by the soil.

CROPS About 70% of the corn was planted up to last Saturday as compared with 28% a week earlier. Heavy rains in a few counties delayed planting. If the soil is dry enough, this week should see the finish of practically all of the corn planting work. Corn needs warmer weather. Some of the early planting is up.

Reports from counties indicate that 91% of them either have ample or surplus surface moisture and only 9% are reporting a shortage. About 82% of the counties are now reporting ample subsoil moisture and 18% of the counties, mostly in the Panhandle and extreme southwest are still reporting a shortage.

Most of the wheat made excellent progress during the week. Some of the earlier wheat is heading in the southern counties from the Missouri River to the Colorado line. It appears that the crop is about a week or so late. Considerable green bug infestation is reported, particularly, from the southwestern portion, ranging from moderate to some severe infestation. Some yellowing of wheat is in evidence, due probably to a combination of green bug and lack of nitrogen. The recent rain was of great value in the Panhandle and extreme southwestern Nebraska, where moisture has been short all spring. The recent rains were not ample to build up sufficient reserve of subsoil moisture in the Panhandle and extreme southwest, but elsewhere there should be a good reserve of subsoil moisture.

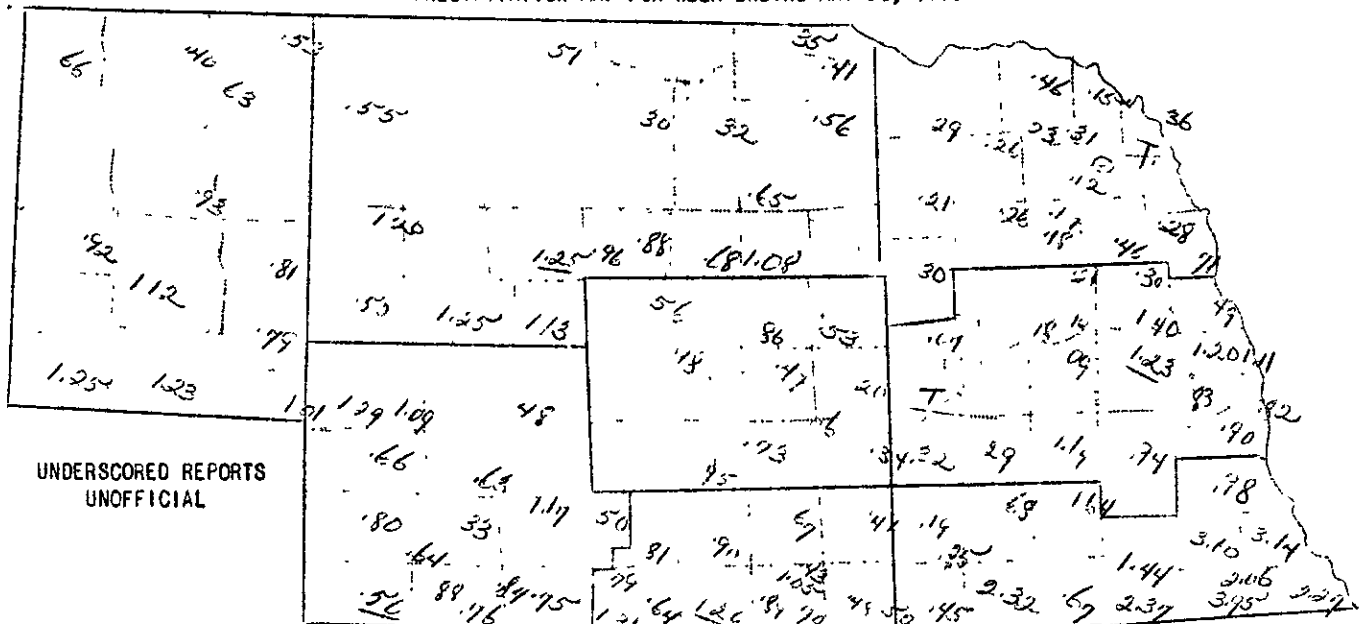
Oats and barley generally are quite late. Some green bug infestation is reported and some yellowing, which is probably due to lack of nitrates, since the weather has been too cold and unfavorable for nitrification. Because of the slow growth of oats and barley, weeds are threatening the crops, and there are few reports of abandonment and planting to sorghum. Warmer weather would improve the crop if it can overtake the weeds.

The outlook for alfalfa, wild hay and pasture improved but warmer weather is needed. Some counties report insufficient pasture. The outlook for the first crop of alfalfa is much better. Some of the crop has already been cut for the dehydrators. A number of counties report considerable damage from the sweet clover weevil. The pea aphid has done considerable damage to red clover.

1500 5-29-50 It appears that the soybean acreage will be considerably larger than intended earlier in the season. Planting of sorghum has started in southern counties, but the soil is still too cool. Some Panhandle counties have planted safflower in place of wheat, and a considerable increase is expected. In the North Platte Valley thinning of sugar beets has started. Land is being prepared and the planting of potatoes and dry edible beans will be underway before long.

Loans and purchase agreements of the 1949 corn crop through April totals nearly 52,000,000 bushels, of which slightly over 2,000,000 bushels is under a purchase agreement. Over 49,500,000 bushels of corn are stored on farms.

PRECIPITATION MAP FOR WEEK ENDING MAY 26, 1950



HIGHEST AND LOWEST TEMPERATURES (FOR 24 HOURS ENDING 6:30 A.M.)

		MAY		23RD		24TH		25TH		26TH		27TH		28TH		29TH	
				MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
NW	CHADRON	86	52	89	45	53	41	54	37	54	40	65	39	70	48	70	48
	SCOTTSBLUFF	86	50	88	44	54	38	45	38	47	33	58	37	68	45	68	45
	SIDNEY	87	45	89	43	65	33	44	34	47	30	58	31	65	42	65	42
N-C	BURWELL	91	58	96	54	62	47	55	44	54	48	58	49	65	56	65	56
	VALENTINE	90	55	91	45	70	45	56	44	60	45	61	48	67	49	67	49
NE	NORFOLK	87	63	95	58	81	48	54	45	64	50	60	50	66	57	66	57
	SIOUX CITY	87	64	94	63	87	49	54	49	71	55	66	53	71	57	71	57
CEN.	GRAND ISLAND	87	63	94	60	75	48	53	45	59	51	59	50	66	56	66	56
E-C	LINCOLN	86	66	90	68	82	53	56	48	62	55	58	52	65	59	65	59
	OMAHA	85	67	90	68	84	54	58	51	64	56	61	52	67	60	67	60
SW	HAYES CENTER	93	53	96	52	68	45	51	40	45	34	64	45	67	45	67	45
	NORTH PLATTE	90	54	93	50	66	45	50	44	44	40	63	46	65	50	65	50

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING MAY 29, 1950

EASTERN DIVISION		EASTERN DIV., CONT'D.		CENTRAL DIVISION		WESTERN DIVISION	
ALBION	.91	HASTINGS	1.84	BROKEN BOW	1.08	ALLIANCE	1.15
AUBURN	3.21	LINCOLN	1.81	BURWELL	.99	CHADRON	.94
BEATRICE	2.32	NORFOLK	.50	CAMBRIDGE	1.25	CULBERTSON	1.80
COLUMBUS	1.05	OAKDALE	.18	HOLDREGE	5.63	HAYES CENTER	.79
FAIRBURY	2.15	OMAHA	.79	NORTH LOUP	.90	KIMBALL	1.48
FAIRMONT	3.17	RED CLOUD	1.54	NORTH PLATTE	1.25	SCOTTSBLUFF	1.30
FALLS CITY	2.19	ST. PAUL	1.39	O'NEILL	1.14	SIDNEY	1.62
FREMONT	1.75	TEKAMAH	.48	RAVENNA	1.48		
GRAND ISLAND	1.09	WAKEFIELD	.08	VALENTINE	.11		
HARTINGTON	.75	YORK	1.95				
AVERAGE THIS WEEK		1.46		1.54		1.30	
TOTAL SINCE APRIL 1		6.03		6.27		3.55	
NORMAL SINCE APRIL 1		6.14		5.34		4.63	

(ISSUED BY THE WEATHER BUREAU AND THE STATE AND FEDERAL DEPARTMENTS OF AGRICULTURE)